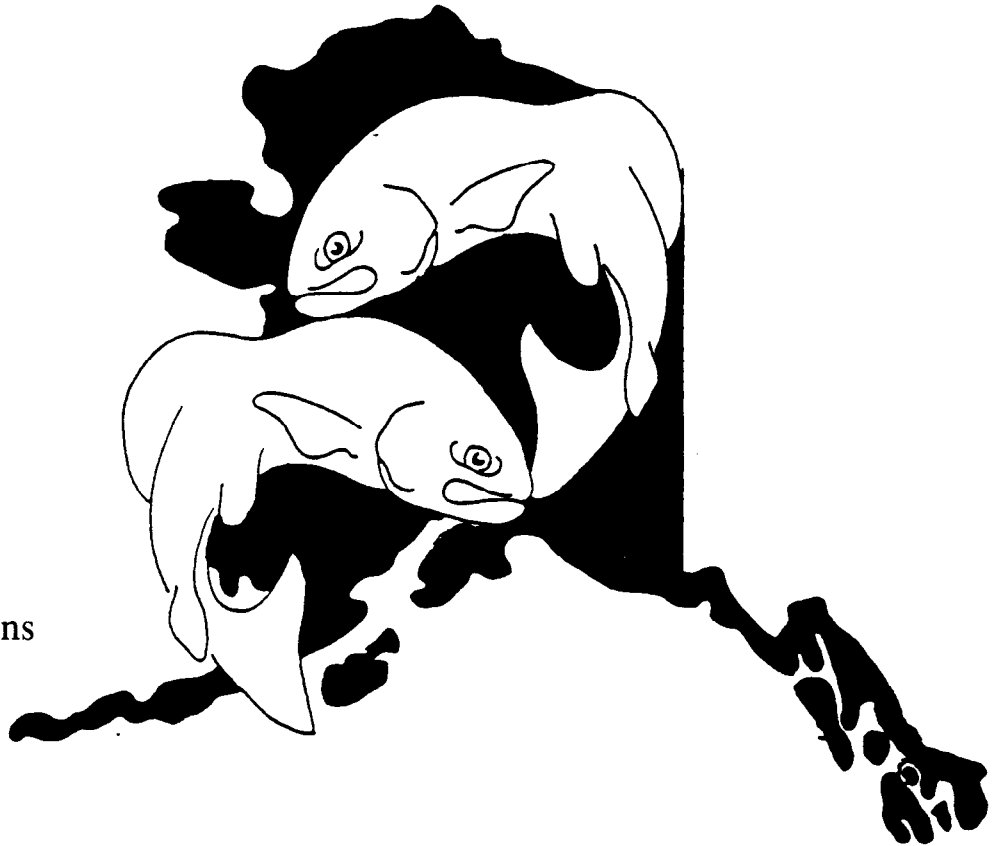


# LAKE STOCKING SUMMARY SOUTHCENTRAL ALASKA, 1986

By: Alan C. Havens



---

**STATE OF ALASKA**

Steve Cowper, Governor

**ALASKA DEPARTMENT OF FISH AND GAME**

Don W. Collinsworth, Commissioner

**DIVISION OF SPORT FISH**

Norval Netsch, Director



---

P.O. Box 3-2000, Juneau, Alaska 99802

**JUNE 1987**

# LAKE STOCKING SUMMARY SOUTHCENTRAL ALASKA, 1986

By Alan C. Havens

June 1987

ALASKA DEPARTMENT OF FISH AND GAME  
Division of Sport Fish  
Juneau, Alaska 99802

'This stocking program was partially financed by the Federal Aid in Sport Fish Restoration Act (16 U.S.C. 777-777K) under Project F-27-R-1. This summary is an appendix to the Annual Performance Report.

## TABLE OF CONTENTS

	<u>Page</u>
LIST OF TABLES. . . . .	ii
LIST OF FIGURES . . . . .	iii
LIST OF APPENDICES. . . . .	iv
ABSTRACT. . . . .	1
INTRODUCTION. . . . .	1
METHODS . . . . .	3
RESULTS . . . . .	3
ACKNOWLEDGEMENTS. . . . .	7
LITERATURE CITED . . . . .	12
APPENDICES. . . . .	13

# LIST OF TABLES

<u>Table</u>	<u>Page</u>
1. Region II 1986 stocking summary, by management area, for steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon. . . . .	5
2. Region II 1986 stocking summary, by management area, for all sizes of steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon. . . . .	9
3. Region II 1986 stocking summary, by strain, for steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon. . . . .	10
4. 1986 stocking summary, by hatchery, for steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon released in Region II. . . . .	11

## LIST OF FIGURES

<u>Figure</u>	<u>Page</u>
1. Stocked lakes area of southcentral Alaska Sport Fish Division Region II. . . . .	4
2. Number of lakes stocked, by species, in Sport Fish Division Region II, 1986. . . . .	6
3. Percent of game fish stocked, by species, in Sport Fish Division Region II, 1986. . . . .	8

# LIST OF APPENDICES

<u>Appendix Table</u>	<u>Page</u>
A. Alaska Department of Fish and Game FRED Division life stage survival report summary, 1986 . . . . .	13
B. Anchorage management area lake stocking, (nonanadromous), 1986 . . . . .	20
C. Glennallen management area lake stocking, (nonanadromous), 1986 . . . . .	29
D. Kenai Peninsula management area lake stocking, (nonanadromous), 1986 . . . . .	36
E. Kodiak management area lake stocking, (nonanadromous), 1986 . . . . .	41
F. Palmer management area lake stocking, (nonanadromous), 1986. . . . .	47

## ABSTRACT

Approximately 2,306,500 hatchery reared rainbow trout (*Salmo gairdneri* Richardson) steelhead, Arctic grayling (*Thymallus arcticus* Pallas), nonanadromous coho salmon (*Oncorhynchus kisutch* Walbaum), and nonanadromous chinook salmon (*Oncorhynchus tshawytscha* Walbaum) were stocked in 145 lakes and two streams in southcentral Alaska in 1986.

Rainbow trout fingerlings, subcatchables and catchables, comprised 42 percent of the 1986 plant, while 29 percent were Arctic grayling fry and fingerling, 25 percent were landlocked coho salmon fingerling and subcatchables, 2 percent were steelhead smolt, and 2 percent were landlocked chinook salmon fingerling and catchables.

The Anchorage Management Area was stocked with 282,045 game fish, Glennallen received 586,713 rainbow trout and Arctic grayling, Kenai Peninsula lakes were planted with 332,259 fish, the Kodiak area stocked 91,463 rainbow trout and coho salmon, and Palmer area lakes received 1,014,022 game fish.

**KEY WORDS:** Southcentral Alaska, sport fisheries, stocking, rainbow trout, *Salmo gairdneri*, steelhead, Arctic grayling, *Thymallus arcticus*, coho salmon, *Oncorhynchus kisutch*, chinook salmon, *Oncorhynchus tshawytscha*.

## INTRODUCTION

Stocked lakes offer year-round recreational opportunities, where entire family groups can sport fish but also participate in other activities such as swimming, boating, picnicking or iceskating.

The vast majority of lakes stocked by the Alaska Department of Fish and Game (ADF&G) are accessible by road or require only short hikes. Other lakes require lengthy foot, canoe, ski, or snowmachine treks, and a very few can only be reached by airplane. Some lakes are on land managed by Federal, State or local government agencies, and others are surrounded by private lands, which include dedicated year-round access.

Most stocked lakes are spring-fed landlocked lakes devoid of natural game fish populations where "new" fisheries are created primarily by growing a crop of fish from fingerling to catchable size. Others, containing naturally reproducing game fish populations, are periodically supplemented with hatchery plants to maintain stocks at harvestable levels.

The planting of hatchery reared fish began approximately 35 years ago when the Alaska Territorial Department of Fisheries (ADF) Sport Fish Division inaugurated a lake rehabilitation and game fish stocking program adjacent to larger population centers. Alaska's first rainbow trout (*Salmo gairdneri* Richardson) hatchery, constructed near Fairbanks, began production in 1952, supplying rainbow trout fry for 16 Southcentral and Interior lakes. An Anchorage hatchery was built and donated by the Anchorage Sportsman's Association in 1953 to ADF, and in 1956 a joint agreement was

reached between ADF and the Kodiak Conservation Club for continued operation of a hatchery developed on the Kodiak Naval Station in 1953.

Currently, ADF&G's Fisheries Rehabilitation, Enhancement and Development Division's (FRED) incubation facilities on Ft. Richardson Army Base, Elmendorf and Clear Air Force Bases, at Trail Lakes on the Kenai Peninsula, and at Kitoi, near Kodiak Island, supply game fish for the lake stocking program.

Nine species of salmonids have been stocked in Alaskan landlocked lakes since 1952. Presently rainbow trout, coho salmon (*Oncorhynchus kisutch* Walbaum), and Arctic grayling (*Thymallus arcticus* Pallas) are the primary species supporting the lake stocking program, although limited experimental plants of sheefish (*Stenodus leucichthys* Guldenstadt), chinook salmon (*Oncorhynchus tshawytscha* Walbaum), and Dolly Varden char (*Salvelinus malma* Walbaum) are being investigated.

At the inception of the hatchery program, trout eggs imported from Idaho, Montana, Oregon, and Washington were incubated in Alaskan hatcheries and planted as fry, fingerlings, subcatchables, or catchables. Poor survival of imported domestic rainbow trout in Alaskan waters and the suspicion that imported eggs might carry non-indigenous diseases led to the search for Alaskan rainbow trout brood-stock sources.

Wild egg takes of native Alaskan rainbow trout began at Talarik Creek on the Alaska Peninsula and Swanson River on the Kenai Peninsula in 1974. The last "outside" eggs, from the Montana National Fish Hatchery, were imported in 1975 to serve as interim brood-stock until the Alaskan fish matured. Wild and imported eggs were hatched at the Anchorage Fire Lake facility and ensuing brood-stock were held at the Ft. Richardson and Elmendorf facilities.

Research on stocked rainbow trout indicated significantly higher survival for Swanson River rainbow than for the Talarik Creek or domestic Montana strains (Doxey, 1981; Hammarstrom, 1981; Van Hulle and Murray, 1981; Williams and Potterville, 1981; Havens, 1980). All Montanan and Talarik brood-stock and progeny were phased out by 1981. A new Ft. Richardson Hatchery, specifically designed with brood-stock facilities, received wild Swanson River and Big Lake (Matanuska Valley) rainbow trout eggs in 1982, with the first progeny stocked for comparative purposes in 1985. In Kodiak, Kitoi strain rainbow trout were stocked for comparative experimental purposes beginning in 1984.

Since 1958, at least 12 strains of coho salmon have been stocked in landlocked lakes, and Arctic grayling, from at least four Alaskan sources, have been planted since 1962. Whereas rainbow trout brood-stock are reared and spawned in hatcheries, coho salmon and Arctic grayling eggs are taken from spawning fish in rivers and lakes, hatched in incubation facilities, and planted in lakes as fry or fingerlings.

Fish stocked as catchables immediately enter the sport fishery. Subcatchables planted in late spring after ice-out usually are a harvestable size by fall, and fry or fingerlings planted between May and October normally reach a catchable size in 12 to 15 months. While most new fisheries in



landlocked lakes are created by stocking a single species, several heavily fished roadside lakes are now receiving multi-species plants.

This report details the stocking of rainbow trout, steelhead, Arctic grayling, and nonanadromous (landlocked) salmon in southcentral Alaska (Figure 1) during 1986.

#### METHODS

A 5-year stocking plan for rainbow trout, steelhead, Arctic grayling and landlocked salmon was formulated in 1986 by Alaska Department of Fish and Game Sport Fish Division Region II management area staff (Havens, 1986 unpublished). The plan covers the period from 1986 through 1990 and identifies specific lakes and streams scheduled for stocking, along with the species and numbers requested. Requests are prioritized by year, species, and size of fish to be planted.

Swanson River strain and Big Lake strain rainbow trout were hatched from brood-stock held at the Ft. Richardson Hatchery, while Big Kitoi rainbow came from brood-stock held at the Kitoi Hatchery. Eggs taken from steelhead returning to the Anchor River on the Kenai Peninsula were hatched and reared at Ft. Richardson.

Chinook salmon eggs from Crooked Creek and coho salmon eggs from Bear Lake and Crooked Creek, on the Kenai Peninsula, and the Little Kitoi River, on Afognak Island, were transported to the Elmendorf, Trail Lakes, or Kitoi Hatcheries where they were hatched and reared prior to release in area lakes. Arctic grayling eggs were taken from spawning fish at Moose Lake, near Glennallen, and the Goodpaster River, near Fairbanks, for hatching at the Clear Hatchery. A summary of egtakes and fish production, including survival rates, in the state fish hatcheries was compiled by McKean (1986).

The majority of rainbow trout, steelhead, landlocked salmon, and Arctic grayling fingerlings were transported from hatcheries to stocking sites in truck holding tanks and either released directly from the truck or carried to the lakes in buckets, or in plastic bags with oxygen added. Thirty-six percent of the rainbow trout fingerlings and 17% of the coho salmon fingerlings were air-dropped into 21 lakes from a chartered aircraft. Arctic grayling fry, placed in plastic bags packed on ice, were transported from Clear Hatchery via truck and commercial aircraft to their respective release sites.

#### RESULTS

Approximately 2,306,500 hatchery reared game fish were planted in Sport Fish Division Region II landlocked lakes in 1986 (Table 1). A total of 145 lakes in the Anchorage, Glennallen, Kenai Peninsula, Kodiak, and Palmer management areas received rainbow trout, Arctic grayling, nonanadromous coho or chinook salmon, or a combination of two or more species (Figure 2). Two streams in the Glennallen area were stocked with Arctic

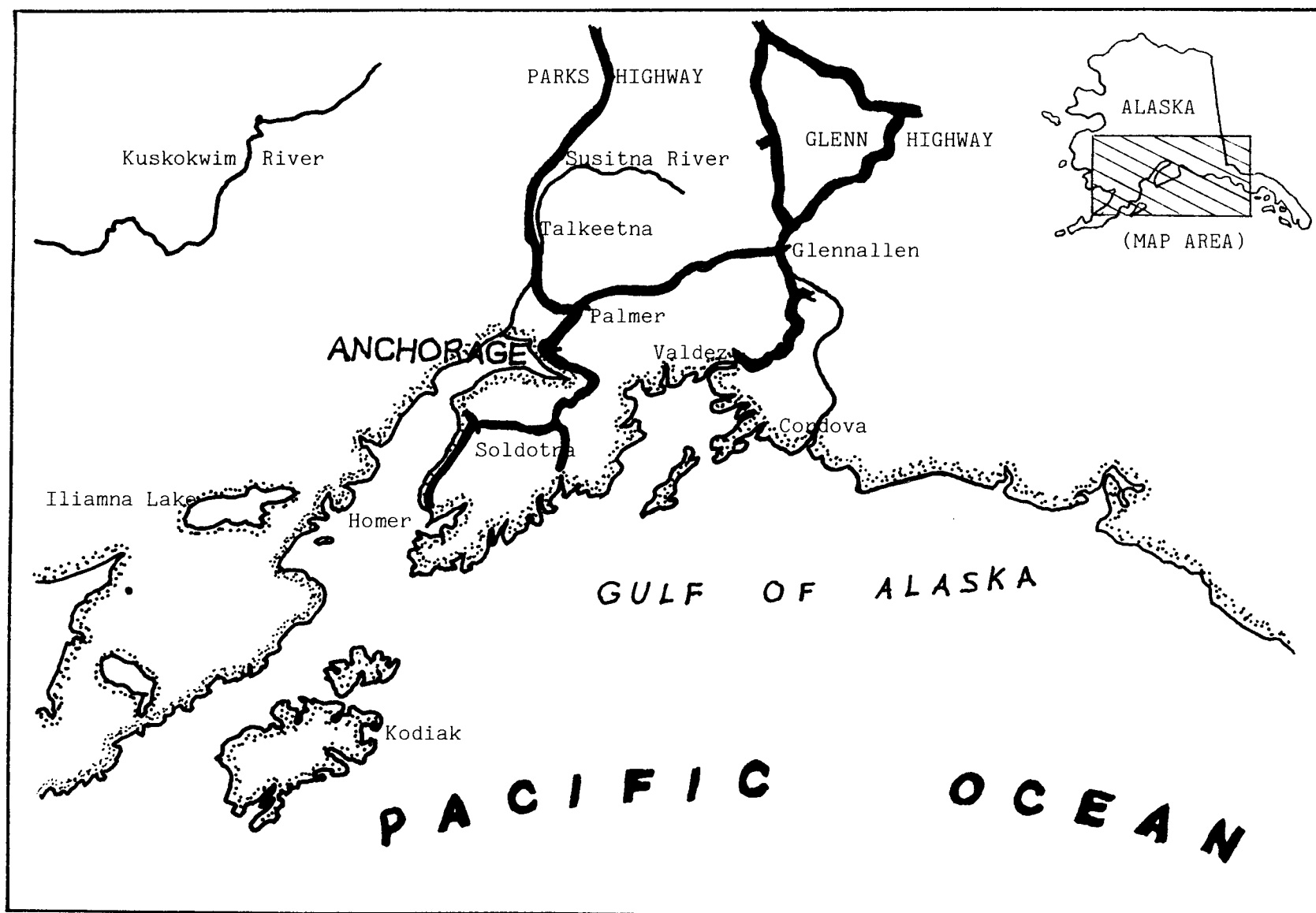


Figure 1. Stocked lakes area of southcentral Alaska Sport Fish Division Region II.

Table 1. Region II 1986 stocking summary, by management area, for steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon.

Management Area	Number Stocked					Total
	Steelhead	Rainbow Trout	Coho Salmon	Chinook Salmon	Arctic Grayling	
Anchorage	44,873	97,386	98,000	24,846	16,940	282,045
Glennallen		187,104			399,609	586,713
Kenai Peninsula		162,699	169,560			332,259
Kodiak		52,868	38,595			91,463
Palmer		471,573	267,051	18,186	257,212	1,014,022
TOTAL	44,873	971,630	573,206	43,032	673,761	2,306,502

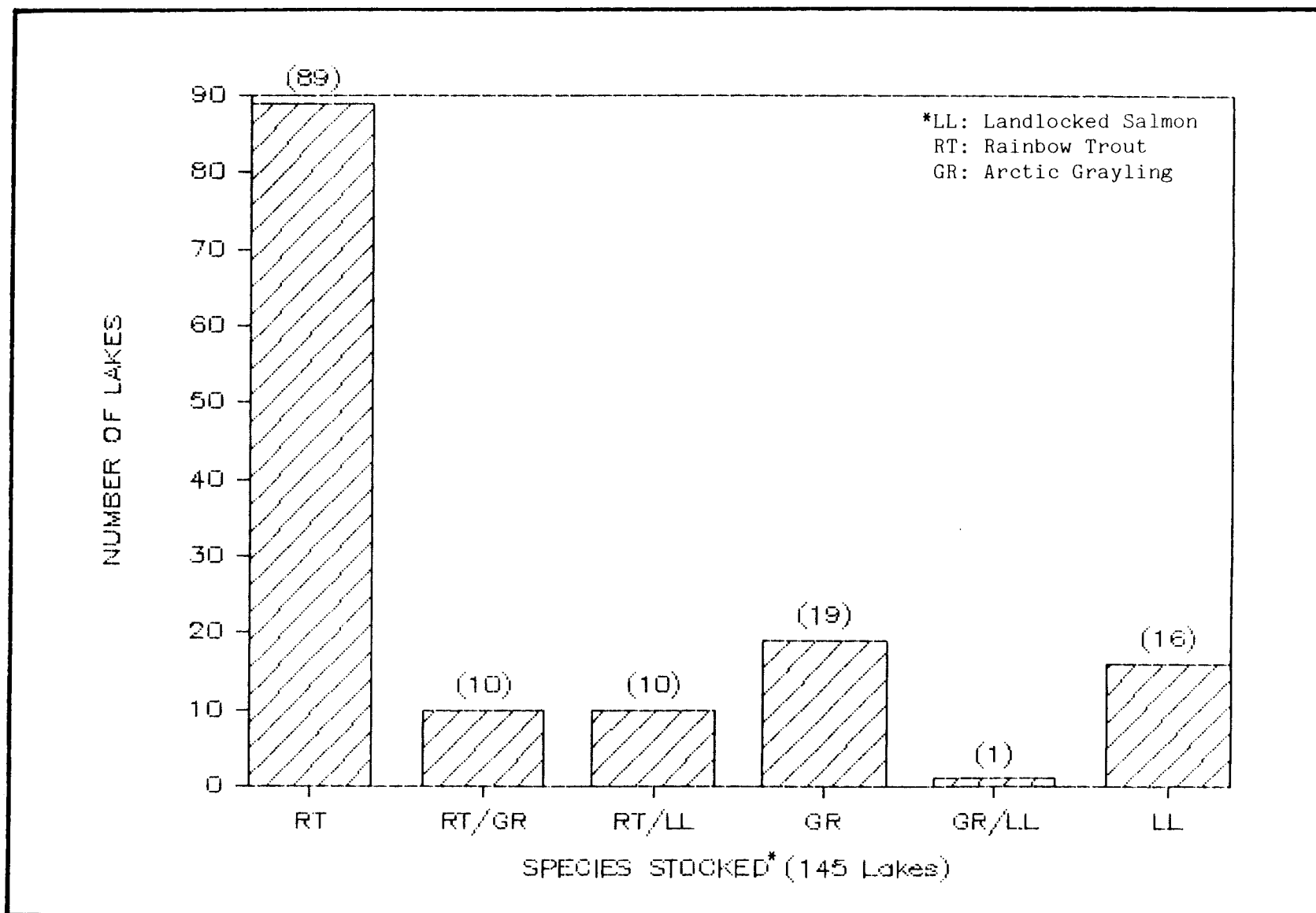


Figure 2. Number of lakes stocked, by species, in Sport Fish Division Region II, 1986.

grayling and one Anchorage area stream received both rainbow trout and steelhead. (Detailed area stocking records are presented in Appendices A through E.)

Rainbow trout comprised 42% of the 1986 plants (Figure 3), followed by Arctic grayling (29%), coho salmon (25%), steelhead (2%), and chinook salmon (2%).

A summary of fish stocked by species and size for each management area is presented in Table 2. Eighty-six percent of the 971,630 rainbow trout stocked throughout Region II were released as fingerling. Anchorage and Palmer area roadside lakes received 129,031 catchable and subcatchable trout, while Campbell Creek in Anchorage was stocked with 4,073 catchable trout and 44,873 steelhead smolt. The Department donated 3,390 catchable trout for artificial "fishing ponds" at the Alaska State Fair in Palmer and the Alaska Fishing Fair in Anchorage; approximately 2,100 of these fish were caught and the remainder were released in local landlocked lakes.

The 1986 landlocked salmon plant consisted of 570,486 coho fingerlings and 2,720 subcatchable coho, while chinook salmon plants included 18,186 fingerlings (stocked for comparative purposes along with equal numbers of coho salmon) and 24,846 catchables stocked to create a winter ice-fishery in Anchorage area lakes. A majority of Arctic grayling, 555,332 (82%), were stocked as unfed fry, with an additional 118,429 grayling planted as fingerling for experimental purposes.

Three strains of rainbow trout, three strains of coho salmon, two strains of Arctic grayling, and single strains of chinook salmon and steelhead (Table 3) were stocked in southcentral Alaska lakes from five State Fisheries Rehabilitation, Enhancement and Development Division hatcheries in 1986 (Table 4).

#### ACKNOWLEDGEMENTS

This data report represents the effort of Region II Sport Fish Division staff and FRED Division hatchery managers and staff.

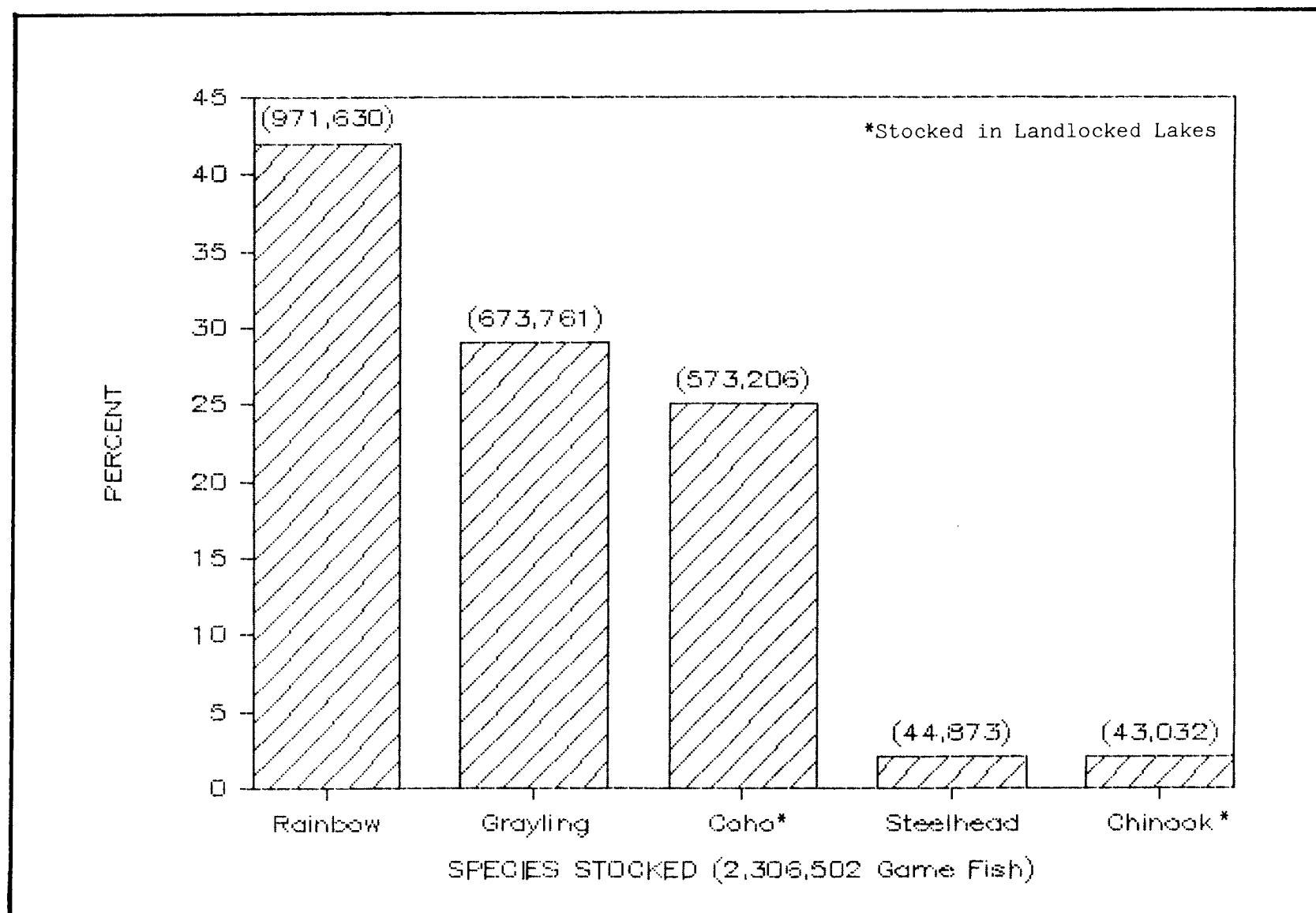


Figure 3. Percent of game fish stocked, by species, in Sport Fish Division Region II, 1986.

Table 2. Region II 1986 stocking summary, by management area, for all sizes of steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon.

Management Area	Number <sup>1</sup> of Lakes Stocked	Steel-head <sup>2</sup> Smolt	Number Stocked								Total	
			Rainbow Trout <sup>2</sup>			Coho Salmon <sup>2</sup>		Chinook Salmon <sup>2</sup>		Arctic Grayling <sup>2</sup>		
			Catchable	Subcatchable	Fingerling	Subcatchable	Fingerling	Catchable	Fingerling	Fry		Fingerling
Anchorage	23	44,873	97,386				98,000	24,846			16,940	282,045
Glermallen	31				187,104					359,332	40,277	586,713
Kenai Peninsula	19				162,699		169,560					332,259
Kodiak	23				52,868	2,720	35,875					91,463
Palmer	49		2,040	33,678	435,855		267,051		18,186	196,000	61,212	1,014,022
TOTAL	145	44,873	99,246	33,678	838,526	2,720	570,486	24,846	18,186	555,332	118,429	2,306,502

<sup>1</sup> Two streams in Glennallen received Arctic grayling fry and one stream in Anchorage received steelhead and catchable rainbow trout.

<sup>2</sup> Approximate sizes or size ranges for fish stocked in 1986: Fry = .018 g, 33 mm (1.3"); Fingerling = 1 g, 45 mm (1.8") through 14 g, 109 mm (4.3"); Subcatchable = 20 g, 122 mm (4.8") through 43 g, 157 mm (6.2"); Catchable = 54 g, 170 mm (6.7") through 454 g, 346 mm (13.6"); Smolt = 50 g, 168 mm (6.6").

Table 3. Region II 1986 stocking summary, by strain, for steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon.

Strain	Steelhead Smolt	Number Stocked									Total
		Rainbow Trout			Coho Salmon		Chinook Salmon		Arctic Grayling		
		Catchable	Subcatchable	Fingerling	Subcatchable	Fingerling	Catchable	Fingerling	Fry	Fingerling	
Anchor River	44,873										44,873
Big Lake		10,574	1,800	110,938							123,312
Big Kitoi River				10,073							10,073
Swanson River		88,852	31,878	717,515							838,245
Bear Lake						123,000					123,000
Crooked Creek						411,611	24,846	18,186			454,643
Little Kitoi River					2,720	35,875					38,595
Goodpaster River										9,270	9,270
Moose Lake									555,332	109,159	664,491
TOTAL	44,873	99,426	33,678	838,526	2,720	570,486	24,846	18,186	555,332	118,429	2,306,502



Table 4. 1986 stocking summary, by hatchery, for steelhead, rainbow trout, Arctic grayling, and landlocked coho and chinook salmon released in Region II.

Hatchery	Number Stocked					Total
	Steelhead	Rainbow Trout	Coho Salmon	Chinook Salmon	Arctic Grayling	
Clear					673,761	673,761
Elmendorf			376,683	43,032		419,715
Ft. Richardson	44,873	961,557				1,006,430
Kitoi		10,073	38,595			48,668
Trail Lakes			157,928			157,928
TOTAL	44,873	971,630	573,206	43,032	673,761	2,306,502

#### LITERATURE CITED

- Doxey, M. 1981. Population studies of game fish and the evaluation of managed lakes in the Salcha District with emphasis on Birch Lake. Alaska Department of Fish and Game. Federal Aid in Fish Restoration, Annual Report of Progress, 1980-1981, F-9-13, 22(G-III-K): 38-59.
- Hammarstrom, S.L. 1981. Inventory and cataloging of Kenai Peninsula and Cook Inlet drainages and fish stocks. Alaska Department of Fish and Game. Federal Aid in Fish Restoration, Annual Performance Report, 1980-1981, Project F-9-13, 22(G-I-C): 33-61.
- Havens, A.C. 1980. Population studies of game fish and evaluation of managed lakes in the upper Cook Inlet drainage. Alaska Department of Fish and Game. Federal Aid in Fish Restoration, Annual Performance Report, 1979-1980, F-9-12, 21(G-III-D): 1-42.
- \_\_\_\_\_. 1986. Five year stocking plan for rainbow trout, Arctic grayling and landlocked salmon. Alaska Department of Fish and Game, Sport Fish Division, Region II. Unpublished manuscript 1986. 37 pp.
- McKean, M. 1986. Life stage survival report summary. Alaska Department of Fish and Game, FRED Division, Central Region, Anchorage. Unpublished.
- Van Hulle, F. D. and J. B. Murray. 1981. Inventory and cataloging of the sport fish and sport fish waters of southwest Alaska. Alaska Department of Fish and Game. Federal Aid in Fish Restoration, Annual Performance Report, 1980-1981, Project F-9-13, 22(G-I-B): 1-32.
- Williams, F. T. and W. D. Potterville. 1981. Inventory and cataloging of sport fish and sport fish waters of the Copper River, Prince William Sound, and Upper Susitna River drainages. Alaska Department of Fish and Game. Federal Aid in Fish Restoration, Annual Performance Report, 1980-1981, F-9-13, 22(G-I-F): 33-67.

APPENDIX A

Alaska Department of Fish and Game FRED Division  
Life Stage Survival Report Summary, 1986

ALASKA DEPARTMENT OF FISH AND GAME  
FRED Division - Central Region

LIFE STAGE SURVIVAL REPORT SUMMARY

November 1, 1986

Marianne McKean  
Alaska Department of Fish and Game  
FRED Division  
Anchorage

The Life Stage Survival Report (LSSR) is a summary of the eggtakes and fish production in the state fish hatcheries. The weekly reports track the survival of different broodstocks at each hatchery through eggtake, eyeup, emergence and release. Hatchery managers present this information at the end of their weekly report to the Regional Hatchery Manager. This information is then distributed and used by Regional and Headquarters staffs for reviewing hatchery performance, and by the pathology section for monitoring mortality rates. The LSSR information is used for reports, graphics and tables, and it is are being used to develop realistic estimates of within hatchery survival rates that can replace FRED standard assumptions. This, the third annual LSSR summary, covers the Central Region broodstocks which were released between October 2, 1985 and October 1, 1986.

To summarize (in numbers rounded to millions):

	<u>Green eggs taken</u>	<u>Fish Released</u>	<u>Overall Survival</u>
1983-1984	345	256	70%
1984-1985	360	286	79%
1985-1986	412	315	76%

1986 species:

Char	trace	trace	
Chinook	2.3	1.7	74%
Chum	16.4	12.8	78%
Coho	11.6	8.5	73%
Grayling	2.1	1.2	57%
Pink	264.7	212.0	80%
Rainbow	4.8	2.1	44%
Sheefish	.4	.1	25%
Sockeye	109.1	76.4	70%
Steelhead	.1	.1	92%

The survival tables follow. They are sorted by facility. A "T" after an entry indicates that eggs or fish were either

transferred into that facility, or transferred out of that facility. An asterisk after the number released indicates that either no fish have been released yet, or that release is not complete.

"Adjusted green eggs" are the number of eyed eggs seeded + dead eggs picked. Sheefish and grayling eggs are sometimes not picked and enumerated; consequently the eyed-egg number may be blank. Blank spaces might also be due to fish or eggs being transferred from somewhere else. The percent survival from greenegg to eyeup, emergence and release is included in this summary as a means of comparing broodstocks. In some cases the number of fry emerged is larger than the eyed eggs seeded. Likewise the number of fish released might be larger than the number of fry emerged. This is due to imprecision in enumerating fish, which may be as much as +/- 10-15% for some counting methods.

Please note that the facility at Karluk planted eyed sockeye eggs and not fish. Thus the numbers for sockeye "fish released" include eyed eggs planted.

For a complete listing of releases, and locations, please consult the release tables at the back of the Year-end Report.

--\*) Life Stage Survival Reports (\*--

ADFG-central region

1986 Survival by Facility

		Adjusted green eggs	Eyed eggs	% surv to eyepo	Fry emerged	% surv to emerge	Fish released	% surv to release
Big Lake	Coho 85 Big Lake	3,620,000	3,370,000	93.09	2,920,000	86.65	2,670,000	91.4
Big Lake	Coho 85 Little Susitna	364,000	336,000	92.31	274,000	81.55	316,000	115.3
Big Lake	Sock 85 Fish Creek	7,750,000	5,830,000	75.23	5,320,000	91.25	5,300,000	99.8
Big Lake	Sock 85 Meadow Creek	13,800,000	11,200,000	81.16	9,790,000	87.41	9,750,000	99.6
		25,534,000	20,736,000		18,304,000		18,044,000	
Cannery Creek	Chum 85 Cannery Creek	351,000	330,000	94.02	278,900	84.52	278,900	100.0
Cannery Creek	Pink 85 Cannery Creek	103,000,000	58,600,000	T 90.00	56,217,000	95.93	56,216,000	100.0
		103,351,000	58,930,000		56,495,900		56,494,900	
Clear	Char 85 Amiloyak	27,000	13,000	48.15	13,000	100.00	12,800	98.5
Clear	Chin 85 Clear Creek	250,000	221,000	88.40	210,000	95.02	203,000	96.7
Clear	Chum 85 Wood Creek	1,130,000	1,064,000	94.16	1,057,000	99.34	1,043,000	98.7
Clear	Coho 85 Wood Creek	559,000	539,000	96.42	517,000	95.92	499,000	96.5
Clear	Gray 86 GoodPasture	198,000			118,000	59.60	107,000	90.7
Clear	Gray 86 Moose Cr	1,902,000			1,283,000	52.58	1,096,000	85.4
Clear	Rain 85 Swanson River		743,000	R	574,000	77.25	511,000	89.0
Clear	Rain 86 Swanson R		606,000	R	576,000	95.05	414,000	* 71.9
Clear	Shee 85 Clear Hatchery	32,000	0	0.00	0	0.00	0	0.0
Clear	Shee 85 Yukon River	411,000	254,000	61.80	147,000	57.87	90,000	61.2
		4,509,000	3,440,000		4,435,000		3,375,000	
Crooked Creek	Chin 84 Chinook				72,000	R	69,000	95.8
Crooked Creek	Coho 84 Crooked Creek				89,000	R	84,000	94.4
Crooked Creek	Sock 85 Bear Creek	9,160,000	8,550,000	93.34	8,200,000	95.91	8,070,000	98.4
Crooked Creek	Sock 85 Glacier Flats	14,500,000	13,300,000	91.72	13,000,000	97.74	9,400,000	72.3
Crooked Creek	Stee 85 Crooked Creek	82,000	75,000	91.46	75,000	100.00		* .
		23,742,000	21,925,000		21,436,000		17,623,000	
Elmendorf	Chin 85 Crooked Creek	883,000	681,000	77.12	639,000	93.83	619,000	96.9
Elmendorf	Coho 85 Crooked Creek	312,000	265,000	84.94	258,000	97.36	207,000	80.2
Elmendorf	Coho 85 Ship Creek	68,000	62,000	91.18	61,000	98.39	0	* .
		1,263,000	1,008,000		958,000		826,000	
Ft Richardson	Chin 85 Deshka River	458,000	373,000	81.44	373,000	100.00	349,000	93.6
Ft Richardson	Chin 85 Willow Creek	377,000	308,000	81.70	308,000	100.00	276,000	89.6
Ft Richardson	Coho 84 18 Mile	476,000	381,000	80.04	397,000	104.20	409,000	103.0
Ft Richardson	Coho 84 Little Susitna	675,000	594,000	88.00	594,000	100.00	577,000	T 97.1
Ft Richardson	Coho 85 18-Mile	188,000	119,000	63.30	119,000	100.00	50,000	* 42.0
Ft Richardson	Coho 85 Caswell Creek	54,400	35,100	64.52	33,500	95.44	0	* .
Ft Richardson	Coho 85 Eyak Lake	730,000	296,000	T 78.36	289,000	97.64	276,000	95.5

Note: T = fish/eggs transferred out, R = fish/eggs received, \* = only partial release of fish

==\*) Life Stage Survival Reports (\*=-  
ADFG-central region

1986 Survival by Facility

		Adjusted green eggs	Eyed eggs	% surv to eyeup	Fry emerged	% surv to emerge	Fish released	% surv to release
Ft Richardson	Coho 85 Little Susitna	539,000	476,000	88.31	466,000	97.90	432,000	92.7
Ft Richardson	Rain 86 Big Lake	969,000	416,000	42.93	296,000	71.15	156,000	* 52.7
Ft Richardson	Rain 86 Swanson R	3,900,000	2,450,000	62.82	1,392,000	T 81.55	1,038,000	74.6
Ft Richardson	Stee 85 Anchor River		51,000	R	50,000	98.04	44,900	89.8
		8,366,400	5,499,100		4,317,500		3,607,900	
Gulkana	Sock 85 Gulkana River	31,600,000			23,586,000	74.64	23,586,000	100.0
		31,600,000			23,586,000		23,586,000	
Karluk	Sock 86 Thumb River - e	23,400,000	19,800,000	84.62		0.00	19,800,000	
		23,400,000	19,800,000				19,800,000	
Kitoi Bay	Chin 85 Pasagshak River	12,000	2,300	19.17	1,800	78.26	1,700	94.4
Kitoi Bay	Chum 85 Big Kitoi	9,600	9,000	93.75	8,800	97.78	8,500	96.6
Kitoi Bay	Chum 85 Sturgeon River	484,000	437,000	90.29	418,000	95.65	414,000	99.0
Kitoi Bay	Coho 85 Buskin River	54,000	53,000	98.15	51,000	96.23	50,000	98.0
Kitoi Bay	Coho 85 Little Kitoi	186,000	176,000	94.62	175,000	99.43	173,000	98.9
Kitoi Bay	Pink 85 Kitoi Bay	114,000,000	104,000,000	91.23	98,100,000	94.33	98,000,000	99.9
Kitoi Bay	Rain 86 Big Kitoi	12,500	12,201	97.61	11,756	96.35	10,073	85.7
		114,758,100	104,689,501		98,766,356		98,657,273	
Main Bay	Chum 85 Main Bay	1,260,000	1,190,000	94.44				
Main Bay	Chum 85 Wells River	10,700,000	9,270,000	86.64	9,660,000	104.21	9,510,000	98.4
Main Bay	Pink 85 Cannery Creek		34,100,000	R	32,700,000	95.89	32,700,000	100.0
Main Bay	Pink 85 Main Bay	2,900,000		T				
Main Bay	Pink 85 Port San Juan	12,500,000		T				
		27,360,000	44,560,000		42,360,000		42,210,000	
Sikusuilaq Spri Chum	85 Noatak River	2,461,000	2,148,000	87.28	1,559,000	72.58	1,503,000	96.4
		2,461,000	2,148,000		1,559,000		1,503,000	
Trail Lakes	Chin 85 Crooked Creek	311,000	234,000	75.24	223,000	95.30	218,000	97.8
Trail Lakes	Coho 84 Crooked Creek	1,280,000	1,110,000	86.72	1,090,000	98.20	878,000	80.6
Trail Lakes	Coho 85 Bear Creek	1,000,000	939,000	93.90	892,000	94.99	632,000	77.6
Trail Lakes	Coho 85 Crooked Creek	1,160,000	988,000	85.17	938,000	94.94	919,000	98.0
Trail Lakes	Coho 85 Quartz Creek	299,000	272,000	90.97	259,000	95.22	230,000	88.8
Trail Lakes	Sock 85 Eshamy Lake	1,880,000	1,510,000	80.32	1,430,000	94.70	516,000	36.1
Trail Lakes	Sock 85 Hidden Lake	7,020,000	5,860,000	83.48	5,563,000	94.93	0	0.0
Trail Lakes	Stee 85 Anchor River	26,500		T				

Note: T = fish/eggs transferred out, R = fish/eggs received, \* = only partial release of fish



-(\*) Life Stage Survival Reports (\*--  
ADFG-central region

1986 Survival by Facility

		Adjusted green eggs	Eyed eggs	% surv to eyeup	Fry emerged to emerge	% surv to emerge	Fish released	% surv to release
		12,976,500	10,913,000		10,395,000		3,453,000	
Tutka Bay	Chum 85 Tutka Creek	20,000	19,000	95.00	18,000	94.74	18,000	100.0
Tutka Bay	Pink 85 Tutka Lagoon	32,300,000	25,800,000	79.88	25,100,000	97.29	25,072,000	99.9
		32,320,000	25,819,000		25,118,000		25,090,000	

Note: T = fish/eggs transferred out, R = fish/eggs received, \* = only partial release of fish

APPENDIX B

Anchorage Management Area Lake Stocking  
(Nonanadromous) 1986

Appendix Table B-1. Anchorage Management Area rainbow trout lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Beach	88.9	06/26/86	2,485	85 Swanson R.	Ft. Richardson	55.58 g	A
Campbell Creek		07/18/86	2,500	85 Swanson R.	Ft. Richardson	75.50 g	T
		07/21/86	1,573	85 Swanson R.	Ft. Richardson	75.50 g	T
Campbell Pt.	8.7	05/22/86	2,606	85 Swanson R.	Ft. Richardson	81.00 g	T
Cheney	10	06/16/86	2,500	85 Big Lake	Ft. Richardson	96.90 g	T
		07/15/86	2,559	85 Big Lake	Ft. Richardson	79.40 g	T
Clunie	103	06/04/86	2,978	85 Swanson R.	Ft. Richardson	87.50 g	T
		07/14/86	5,950	85 Swanson R.	Ft. Richardson	73.10 g	T
DeLong	19.7	05/21/86	5,900	85 Swanson R.	Ft. Richardson	81.00 g	T
Derby Pond	0.5	06/13/86	5	82 Swanson R.	Ft. Richardson	1361.80 g	T
		06/13/86	10	84 Swanson R.	Ft. Richardson	454.00 g	T
		06/13/86	1,270	85 Big Lake	Ft. Richardson	85.60 g	T
Dishno	9.5	06/26/86	994	85 Swanson R.	Ft. Richardson	55.58 g	T
Egan Civic Center <sup>2</sup>	Pond	04/18/86	50	84 Swanson R.	Ft. Richardson	453.59 g	T/BU
		04/13/86	1,300	85 Big Lake	Ft. Richardson	90.00 g	T/BU
Fish	4.2	06/26/86	2,520	85 Swanson R.	Ft. Richardson	55.58 g	T
Green	18.7	07/18/86	995	85 Swanson R.	Ft. Richardson	75.50 g	T

-Continued-

Appendix Table B-1. Anchorage Management Area rainbow trout lake stocking (nonanadromous), 1986  
(continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Gwen	11.3	06/04/86	1,898	85 Swanson R.	Ft. Richardson	87.50 g	T
		06/06/86	2,100	85 Swanson R.	Ft. Richardson	68.60 g	T
Hillberg	11.2	07/18/86	995	85 Swanson R.	Ft. Richardson	75.50 g	T
Jewel	26.2	05/21/86	7,844	85 Swanson R.	Ft. Richardson	81.00 g	T
Lower Fire	69.9	07/17/86	2,461	85 Swanson R.	Ft. Richardson	75.50 g	T
Mirror	68.2	04/20/86	300 <sup>2</sup>	84 SR & 85 BL	Ft. Richardson	90+ g	T
		07/17/86	2,985	85 Swanson R.	Ft. Richardson	75.50 g	T
Otis	5	07/21/86	995	85 Swanson R.	Ft. Richardson	75.50 g	T
Otter	93.5	06/04/86	2,983	85 Swanson R.	Ft. Richardson	87.50 g	T
		07/14/86	6,167	85 Swanson R.	Ft. Richardson	73.10 g	T
		07/16/86	1,245	85 Big Lake	Ft. Richardson	79.40 g	T
Sand	67.1	05/22/86	20,099	85 Swanson R.	Ft. Richardson	81.00 g	T
Upper Six-Mile	41.4	07/17/86	1,466	85 Swanson R.	Ft. Richardson	75.50 g	T
Spring	10.1	06/22/86	2,023	85 Swanson R.	Ft. Richardson	55.58g	T
Taku	5	06/16/86	2,514	85 Swanson R.	Ft. Richardson	54.26g	T
		07/16/86	2,434	85 Swanson R.	Ft. Richardson	73.10g	T

-Continued-

Appendix Table B-1. Anchorage Management Area rainbow trout lake stocking (nonanadromous), 1986  
(continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Thompson	7.1	06/26/86	994	85 Swanson R.	Ft. Richardson	55.58 g	T
Triangle	3.7	06/26/86	1,988	85 Swanson R.	Ft. Richardson	55.58 g	T

RAINBOW TROUT (1986 Totals Stocked)

# Lakes: 22 plus Egan Convention Center Pond<sup>2</sup> and Campbell Creek.

# Surface Acres: 682.9 plus Campbell Creek.

	Swanson R.	Big Lake	Total
# Catchables:	<u>88,512</u>	<u>8,874</u>	<u>97,386</u>
Total Rainbow Stocked:	<u>88,512</u>	<u>8,874</u>	<u>97,386</u>

<sup>1</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets

<sup>2</sup> Approximately 300 catchable rainbow trout were transferred, after the Egan Civic Center fishing fair closed, from the "Fishing Pond" to Mirror Lake.

Appendix Table B-2. Anchorage Management Area steelhead stocking (anadromous), 1986.

STREAM STOCKED	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Campbell Creek	05/10/86	32,088		85 Anchor R.	Ft. Richardson	50.40 g	T
	05/10/86	12,785	AD CW	85 Anchor R.	Ft. Richardson	50.40 g	T

STEELHEAD (1986 Totals Stocked)

# Smolt:                      Anchor R.  
                                  44,873

Total Steelhead Stocked:    44,873

# Smolt Marked: (AD CW)    12,785

<sup>1</sup> Fin mark: AD CW = adipose clip and coded wire tag.

<sup>2</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets.

Appendix Table B-3. Anchorage Management Area coho salmon lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Trail	125	09/10/86	98,000	85 Bear Lake	Trail Lakes	3.25 g	A

COHO SALMON [nonanadromous] (1986 Totals Stocked)

# Lakes: 1

# Surface Acres: 125

	Bear Lake
# Fingerling:	<u>98,000</u>

Total Coho Stocked:	98,000
---------------------	--------

<sup>1</sup> Stocking method = A = airdrop; T = tank truck; T/BU = carried in buckets.

Appendix Table B-4. Anchorage Management Area chinook salmon lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Jewel	26.2	09/02/86	8,452	85 Crooked Creek	Elmendorf	63.20 g	T
Otter	93.5	09/02/86	7,846	85 Crooked Creek	Elmendorf	64.00 g	T
Sand	67.1	09/02/86	8,548	85 Crooked Creek	Elmendorf	65.00 g	T

CHINOOK SALMON [nonanadromous] (1986 Totals Stocked)

# Lakes: 3

# Surface Acres: 186.8

# Catchables: Crooked Ck.  
24,846

Total Chinook Stocked: 24,846

<sup>1</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets.



Appendix Table B-5. Anchorage Management Area Arctic grayling lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Lower Fire	69.9	09/08/86	16,940	86 Moose L.	Clear	4.60 g	T

ARCTIC GRAYLING (1986 Totals Stocked)

# Lakes: 1

# Surface Acres: 69.9

# Fingerling:                      Moose L.  
  16,940

Total Grayling Stocked:        16,940

<sup>1</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets.

Appendix Table B-6. Anchorage Management Area total lake and stream stocking, 1986.

---

ANCHORAGE MANAGEMENT AREA LAKES (1986 Totals Stocked)  
ALL SPECIES [nonanadromous except STEELHEAD] GAME FISH

# Lakes: 23 plus CAMPBELL CREEK and Egan Convention Center Fishing Pond.  
# Surface Acres: 807.9 plus CAMPBELL CREEK and Egan Convention Center Fishing Pond.

# Steelhead:	44,873
# Rainbow Trout:	97,386
# Coho Salmon [nonanadromous]:	98,000
# Chinook Salmon [nonanadromous]:	24,846
# Arctic Grayling:	<u>16,940</u>
Total Fish Stocked (1986):	<u>282,045</u>

---

APPENDIX C

Glennallen Management Area Lake Stocking  
(Nonanadromous) 1986

Appendix Table C-1. Glennallen Management Area rainbow trout lake stocking (nonanadromous) 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Blueberry	10	09/04/86	1,500	86 Swanson R.	Ft. Richardson	1.90 g	T/BG(02)
Buffalo	4	09/04/86	782	86 Swanson R.	Ft. Richardson	1.90 g	T
Crater	16	09/04/86	3,185	86 Swanson R.	Ft. Richardson	1.90 g	T/BU
Crater (Cordova)	25	09/10/86	5,000	86 Swanson R.	Ft. Richardson	2.34 g	CA/BG(02)
D-J	4	09/04/86	400	86 Swanson R.	Ft. Richardson	1.90 g	T/BG(02)
Gergie	60	09/12/86	9,138	86 Swanson R.	Ft. Richardson	2.53 g	A
Little Crater	2	09/04/86	385	86 Swanson R.	Ft. Richardson	1.90 g	T/BU
Mirror	45	09/04/86	8,997	86 Swanson R.	Ft. Richardson	1.90 g	T
North Jans	58	09/12/86	11,600	86 Swanson R.	Ft. Richardson	2.38 g	A
Old Road	1.5	09/04/86	300	86 Swanson R.	Ft. Richardson	1.90 g	T
Round	2	09/04/86	394	86 Swanson R.	Ft. Richardson	1.90 g	T/BU
Sculpin	140	09/12/86	27,715	86 Swanson R.	Ft. Richardson	2.53 g	A
Squirrel Ck. Pit	5	09/04/86	950	86 Swanson R.	Ft. Richardson	1.90 g	T/BG(02)
Tex Smith	17	09/04/86	3,400	86 Swanson R.	Ft. Richardson	1.90 g	T

-Continued-

Appendix Table C-1. Glennallen Management Area rainbow trout lake stocking (nonanadromous), 1986  
(continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Three-Mile	20	09/12/86	4,137	86 Swanson R.	Ft. Richardson	2.53 g	A
Tolsona	320	09/04/86	30,000	86 Swanson R.	Ft. Richardson	1.90 g	T
Van	500	09/12/86	27,386	86 Swanson R.	Ft. Richardson	2.22 g	A
		09/12/86	29,700	86 Swanson R.	Ft. Richardson	2.53 g	A
		09/20/86	22,135	86 Swanson R.	Ft. Richardson	2.90 g	A

RAINBOW TROUT (1986 Totals Stocked)

# Lakes: 17

# Surface Acres: 1,229.5

	Swanson R.
# Fingerling:	<u>187,104</u>

Total Rainbow Stocked:	187,104
------------------------	---------

<sup>1</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets to lake; T/BG(02) = carried to lake in sealed bags with oxygen; CA/BG(02) = flown on commercial airlines from Anchorage to Cordova or Fairbanks to Glennallen in sealed bags with oxygen on ice.

Appendix Table C-2. Glennallen Management Area Arctic grayling lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Arizona	25	06/11/86	10,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Bear Cub	14	06/13/86	10,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Buffalo	4	06/11/86 09/25/86	8,000 400	RV	86 Moose L. 86 Moose L.	Clear Clear	.018 g 6.15 g	CA/BG(02) T
Caribou (L. Louise)	13	06/11/86	15,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Conner	18	06/11/86	15,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Dick	40	06/11/86	10,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Elbow	6	06/11/86	5,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Forgotten	18	06/11/86	10,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Grass (Cordova)	12	06/12/86	10,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Junction	18	06/11/86 09/09/86 09/25/86	36,000 1,800 1,800	LV RV	86 Moose L. 86 Moose L. 86 Moose L.	Clear Clear Clear	.018 g 4.70 g 6.15 g	CA/BG(02) T T
Kettle	6	06/13/86 09/09/86 09/25/86	12,000 600 600	LV RV	86 Moose L. 86 Moose L. 86 Moose L.	Clear Clear Clear	.108 g 4.70 g 6.15 g	CA/BG(02) T/BG(02) T/BG(02)

-Continued-

Appendix Table C-2. Glennallen Management Area Arctic grayling lake stocking (nonanadromous), 1986  
(continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Little Echo (Cordova)	1.5	06/12/86	1,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Little Junction	5	06/11/86	5,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Meiers	100	06/11/86	40,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Moose	320	09/09/86	16,473	AD	86 Moose L.	Clear	4.22 g	T/BG(02)
		09/09/86	16,950		86 Moose L.	Clear	4.22 g	T/BG(02)
Moose Creek		06/11/86	50,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Poplar Grove Creek		06/11/86	20,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Squirrel Ck. Pit	5	06/13/86	10,000		86 Moose L.	Clear	.018 g	CA/BG(02)
		09/09/86	500	LV	86 Moose L.	Clear	4.70 g	T
		09/25/86	1,154	RV	86 Moose L.	Clear	6.15 g	T
Three-Mile	20	06/13/86	16,000		86 Moose L.	Clear	.018 g	CA/BG(02)
Tolsona	320	06/13/86	66,332		86 Moose L.	Clear	.018 g	CA/BG(02)
Two-Mile	17	06/13/86	10,000		86 Moose L.	Clear	.018 g	CA/BG(02)

-Continued-

Appendix Table C-2. Glennallen Management Area Arctic grayling lake stocking (nonanadromous), 1986  
(continued).

---

ARCTIC GRAYLING (1986 Totals Stocked)

# Lakes: 19 plus MOOSE and POPLAR GROVE CREEKS

# Surface Acres: 962.5 plus MOOSE and POPLAR GROVE CREEKS

	Moose Lake
# Fry:	359,332
# Fingerling (4g):	36,323
# Fingerling (6g):	<u>3,954</u>
Total Grayling Stocked:	399,609
# Fingerling (4g) Marked:	(AD) 16,473
	(LV) 2,900
# Fingerling (6g) Marked:	(RV) <u>3,954</u>
Total Marked LV, RV and AD:	23,327

---

<sup>1</sup> Fin mark: AD = adipose clip; LV = left ventral clip; RV = right ventral clip.

<sup>2</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets to lake; T/BG(02) = carried to lake in sealed bags with oxygen; CA/BG(02) = flown on commercial airlines from Anchorage to Cordova or Fairbanks to Glennallen in sealed bags with oxygen, on ice.



Appendix Table C-3. Glennallen Management Area lake stocking  
(nonanadromous), 1986.

---

GLENNALLEN MANAGEMENT AREA LAKES (1986 Totals Stocked)  
ALL SPECIES [nonanadromous] GAME FISH

# Lakes: 31 plus MOOSE and POPLAR GROVE CREEKS  
# Surface Acres: 1,843 plus MOOSE and POPLAR GROVE CREEKS

# Rainbow Trout:	187,104
# Arctic Grayling:	<u>399,609</u>

Total Fish Stocked (1986):	586,713
----------------------------	---------

---

APPENDIX D

Kenai Peninsula Management Area Lake Stocking  
(Nonanadromous) 1986

Appendix Table D-1. Kenai Peninsula Management Area rainbow trout lake stocking (nonanadromous) 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Barbara	45	09/10/86	9,000	86 Swanson R.	Ft. Richardson	2.34 g	T
Cabin	57	09/03/86	11,932	86 Swanson R.	Ft. Richardson	2.38 g	T
Carter	48	09/10/86	9,300	86 Swanson R.	Ft. Richardson	2.40 g	A
Chugach Estates	23	09/03/86	10,073	86 Swanson R.	Ft. Richardson	2.38 g	T
Island	268	09/03/86	21,064	86 Swanson R.	Ft. Richardson	2.38 g	T
Jerome	16	09/10/86	6,600	86 Swanson R.	Ft. Richardson	2.34 g	T
Johnson	85	09/03/86	17,000	86 Swanson R.	Ft. Richardson	2.38 g	T
Longmare	172	09/03/86	17,000	86 Swanson R.	Ft. Richardson	2.38 g	T
Rainbow	25	09/03/86	3,000	86 Swanson R.	Ft. Richardson	2.38 g	T
Stormy	390	09/03/86	27,530	86 Swanson R.	Ft. Richardson	2.38 g	T
Thetis	45	09/10/86	11,400	86 Swanson R.	Ft. Richardson	2.34 g	T
Tirmore	52	09/10/86	10,000	86 Swanson R.	Ft. Richardson	2.34 g	T
Vaght	43	09/10/86	8,800	86 Swanson R.	Ft. Richardson	2.40 g	A

-Continued-

Appendix Table D-1. Kenai Peninsula Management Area rainbow trout lake stocking (nonanadromous), 1986  
(continued).

---

RAINBOW TROUT (1986 Totals Stocked)

# Lakes: 14

# Surface Acres: 1,269

# Fingerling:	Swanson R. <u>162,699</u>
---------------	------------------------------

Total Rainbow Stocked:	162,699
------------------------	---------

---

<sup>1</sup> Stocking method: A = airdrop; T = tank truck.

Appendix Table D-2. Kenai Peninsula Management Area coho salmon lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Engineer	230	06/30/86	38,430	85 Crooked Creek	Trail Lakes	1.4 g	T
		07/01/86	22,320	85 Crooked Creek	Trail Lakes	1.5 g	T
Encelewski	102	07/01/86	22,320	85 Crooked Creek	Trail Lakes	1.5 g	T
Quinton	15	07/01/86	4,650	85 Crooked Creek	Trail Lakes	1.5 g	T
Union	85	07/01/86	22,320	85 Crooked Creek	Trail Lakes	1.5 g	T
Wic	165	07/01/86	59,520	85 Crooked Creek	Trail Lakes	1.5 g	T

COHO SALMON [nonanadromous] (1986 Totals Stocked)

# Lakes: 5

# Surface Acres: 597

# Fingerling: Crooked Creek  
169,560

Total Coho Stocked: 169,560

<sup>1</sup> Stocking Method: A = airdrop; T = tank truck.

Appendix Table D-3. Kenai Peninsula Management Area total lake stocking  
(nonanadromous), 1986.

---

KENAI PENINSULA MANAGEMENT AREA LAKES (1986 Totals Stocked)  
ALL SPECIES [nonanadromous] GAME FISH

# Lakes: 19

# Surface Acres: 1,866

# Rainbow Trout: 162,699

# Coho Salmon [nonanadromous]: 169,560

Total Fish Stocked (1986): 332,259

---

APPENDIX E

Kodiak Management Area Lake Stocking  
(Nonanadromous) 1986

Appendix Table E-1. Kodiak Management Area rainbow trout lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Abercrombie	18.5	08/18/86	1,850	RV	86 Big Kitoi	Kitoi	1.05 g	T/BU
		09/02/86	1,745	LV	86 Swanson R.	Ft. Richardson	1.76 g	T/BU
Aurel	15	10/01/86	3,000		86 Swanson R.	Ft. Richardson	4.10 g	T/BG(02)
Big	18	08/18/86	1,800	RV	86 Big Kitoi	Kitoi	1.05 g	T/BU
		09/18/86	1,800		86 Swanson R.	Ft. Richardson	3.28 g	T/BU
Bull	10	08/18/86	1,000	RV	86 Big Kitoi	Kitoi	1.05 g	T/BU
		10/01/86	1,000		86 Swanson R.	Ft. Richardson	4.10 g	T/BU
Caroline	7	10/01/86	1,400		86 Swanson R.	Ft. Richardson	4.10 g	T/BG(02)
Cascade	16.5	10/01/86	3,300		86 Swanson R.	Ft. Richardson	4.10 g	T/BG(02)
Cicely	5.8	10/01/85	1,200		86 Swanson R.	Ft. Richardson	4.10 g	T/BG(02)
Dolgoi	51.5	09/18/86	2,430		86 Swanson R.	Ft. Richardson	3.27 g	T/BU
Dragonfly	7.8	09/18/86	1,070		86 Swanson R.	Ft. Richardson	3.27 g	T/BU
Heitman	32.5	10/01/86	3,250		86 Swanson R.	Ft. Richardson	4.10 g	T/BG(02)
Horseshoe	5	10/01/86	1,000		86 Swanson R.	Ft. Richardson	4.10 g	T/BG(02)
Jack	5	09/18/86	1,000		86 Swanson R.	Ft. Richardson	3.27 g	T/BU

-Continued-



Appendix Table E-1. Kodiak Management Area rainbow trout lake stocking (nonanadromous), 1986 (continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Lee	14	08/18/86	1,400	RV	86 Big Kitoi	Kitoi	1.05 g	T/BU
		09/02/86	1,388	LV	86 Swanson R.	Ft. Richardson	1.76 g	T/BU
Lilly	8	08/18/86	800	RV	86 Big Kitoi	Kitoi	1.05g	T/BU
		09/02/86	799	LV	86 Swanson R.	Ft. Richardson	1.76g	T/BU
Long	36	09/18/86	3,600		86 Swanson R.	Ft. Richardson	3.27g	T/BU
Lupine	8	10/01/86	1,600		86 Swanson R.	Ft. Richardson	4.10g	T/BU
Margaret	8	08/18/86	800	RV	86 Big Kitoi	Kitoi	1.05g	T/BU
		09/02/86	798	LV	86 Swanson R.	Ft. Richardson	1.76g	T/BU
Saturn	12	09/18/86	2,100		86 Swanson R.	Ft. Richardson	3.27g	T/BG(02)
Tanignak	30	09/18/86	6,000		86 Swanson R.	Ft. Richardson	3.27g	T/BU
Twin	20	08/18/86	2,423	RV	86 Big Kitoi	Kitoi	1.05g	T/BU
		10/01/86	4,315		86 Swanson R.	Ft. Richardson	4.10g	T/BU

-Continued-

Appendix Table E-1. Kodiak Management Area rainbow trout lake stocking (nonanadromous), 1986 (continued).

---

RAINBOW TROUT (1986 Totals Stocked)

# Lakes: 20

# Surface Acres: 328.6

	Swanson R.	Big Kitoi	Total
# Fingerling:	<u>42,795</u>	<u>10,073</u>	<u>52,868</u>
Total Rainbow Stocked:	42,795	10,073	52,868
# Fingerling Marked:	(LV) 4,730	(RV) 10,073	(LV + RV) 14,803

---

<sup>1</sup> Fin mark: LV = left ventral clip; RV = right ventral clip.

<sup>2</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets to lake; T/BG(02) = carried to lake in sealed bags with oxygen.

Appendix Table E-2. Kodiak Management Area coho salmon lake stocking (nonanadromous) 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING METHOD <sup>1</sup>
Barry	127	06/23/86	30,375	85 Little Kitoi	Kitoi	1.08 g	T/BU
Dolgoi	51.5	08/20/86	2,720	85 Little Kitoi	Kitoi	43.0 g	T/BU
Pony	14	07/02/86	2,000	85 Little Kitoi	Kitoi	1.08 g	T/BU
Southern	17.3	07/02/86	3,500	85 Little Kitoi	Kitoi	1.08 g	T/BG(02)

COHO SALMON [nonanadromous] (1986 Totals Stocked)

# Lakes: 4

# Surface Acres: 209.8

	Little Kitoi
# Subcatchables:	2,720
# Fingerling:	<u>35,875</u>
Total Coho Stocked:	38,595

<sup>1</sup> Stocking methods: A = airdrop; T = tank truck; T/BU = carried in buckets to lake; T/BG(02) = carried to lake in sealed bags with oxygen.

Appendix Table E-3. Kodiak Management Area total lake stocking  
(nonanadromous), 1986.

---

KODIAK MANAGEMENT AREA LAKES (1986 Totals Stocked)  
ALL SPECIES [nonanadromous] GAME FISH

# Lakes: 23

# Surface Acres: 486.9

# Rainbow Trout: 52,868

# Coho Salmon [nonanadromous]: 38,595

Total Fish Stocked (1986): 91,463

---

APPENDIX F

Palmer Management Area Lake Stocking  
(Nonanadromous) 1986

Appendix Table F-1. Palmer Management Area rainbow trout lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Ak. State Fair <sup>3</sup>	Pond	08/30/86	240		84 Swanson R.	Ft. Richardson	750.00 g	T
		08/31/86	100		84 Swanson R.	Ft. Richardson	750.00 g	T
		08/30/86	500		85 Big Lake	Ft. Richardson	454.00 g	T
		08/31/86	700		85 Big Lake	Ft. Richardson	454.00 g	T
		09/01/86	500		85 Big Lake	Ft. Richardson	454.00 g	T
Barley	18.6	09/04/86	2,600	LV	86 Swanson R.	Ft. Richardson	2.11 g	T/BU
		09/04/86	2,600	RV	86 Big Lake	Ft. Richardson	2.06 g	T/BU
Benka	123	09/11/86	12,248		86 Swanson R.	Ft. Richardson	2.38 g	A
Beverly	42	09/20/86	13,041		86 Swanson R.	Ft. Richardson	3.27 g	A
Big No Luck	67.9	09/11/86	13,731		86 Swanson R.	Ft. Richardson	2.68 g	A
Christiansen	179	09/11/86	17,942		86 Swanson R.	Ft. Richardson	3.79 g	A
Crystal	131.7	09/05/86	26,340		86 Swanson R.	Ft. Richardson	2.05 g	T
Dawn	11.8	09/04/86	1,550	LV	86 Swanson R.	Ft. Richardson	2.11 g	T/BU
		09/04/86	1,550	RV	86 Big Lake	Ft. Richardson	2.06 g	T/BU
East Twin	41.1	09/11/86	8,361		86 Swanson R.	Ft. Richardson	2.38 g	A
Echo	23	08/27/86	2,300		86 Swanson R.	Ft. Richardson	2.96 g	T/BU
Finger	362	08/29/86	36,040		86 Swanson R.	Ft. Richardson	2.26 g	T

-Continued-

Appendix Table F-1. Palmer Management Area rainbow trout lake stocking (nonanadromous), 1986 (continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Florence	54.6	08/29/86	11,058		86 Big Lake	Ft. Richardson	1.55 g	T/BU
Honeybee	58	08/29/86	11,600		86 Big Lake	Ft. Richardson	1.55 g	T/BU
Irene	18	06/13/86	1,800		85 Big Lake	Ft. Richardson	51.40 g	T/BU
		08/27/86	1,800		86 Swanson R.	Ft. Richardson	2.96 g	T/BU
Johnson	40.3	09/03/86	4,030	LV	86 Swanson R.	Ft. Richardson	2.56 g	T/BU
		09/03/86	4,030	RV	86 Big Lake	Ft. Richardson	2.06 g	T/BU
Kalmbach	125	09/08/86	13,013	LV	86 Swanson R.	Ft. Richardson	1.90 g	T
		09/08/86	12,999	RV	86 Big Lake	Ft. Richardson	2.10 g	T
Kepler-Bradley	58	06/06/86	5,800		85 Swanson R.	Ft. Richardson	40.20 g	T
		08/27/86	5,800 <sub>3</sub>		86 Swanson R.	Ft. Richardson	2.96 g	T
		09/02/86	1,000 <sub>3</sub>		85 Big Lake	Ft. Richardson	454.00 g	T
Knik	50.4	08/29/86	10,035		86 Swanson R.	Ft. Richardson	2.26 g	T/BU
Little No Luck	34.1	09/11/86	7,185		86 Swanson R.	Ft. Richardson	2.38 g	A
Long(K-B)	74.4	09/11/86	14,972		86 Swanson R.	Ft. Richardson	3.79 g	A
Long(Mi.86)	106	09/05/86	10,266		86 Swanson R.	Ft. Richardson	3.67 g	T
Lower Bonnie	118	09/11/86	20,000		86 Swanson R.	Ft. Richardson	2.41 g	A

-Continued-

Appendix Table F-1. Palmer Management Area rainbow trout lake stocking (nonanadromous), 1986 (continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Lucille	362	05/12/86	19,878		85 Swanson R.	Ft. Richardson	40.30 g	T
Lynne	70	09/05/86	14,000		86 Swanson R.	Ft. Richardson	2.05 g	T/BU
Marion	113	09/09/86	13,319	LV	86 Swanson R.	Ft. Richardson	2.01 g	T
		09/09/86	13,307	RV	86 Big Lake	Ft. Richardson	2.08 g	T
Matanuska	61.5	06/06/86	6,200		85 Swanson R.	Ft. Richardson	40.20 g	T
		08/27/86	6,163		86 Swanson R.	Ft. Richardson	2.96 g	T
Ravine	12.3	09/10/86	2,460		86 Swanson R.	Ft. Richardson	2.34 g	T/BU
Reed	19.5	08/29/86	3,894		86 Swanson R.	Ft. Richardson	2.26 g	T/BU
Seymour	229	09/08/86	45,817		86 Big Lake	Ft. Richardson	2.70 g	T
Slipper	9.1	09/10/86	1,800		86 Swanson R.	Ft. Richardson	2.34 g	T/BU
South Rolly	107.7	09/11/86	5,154	LV	86 Swanson R.	Ft. Richardson	2.72 g	T
		09/11/86	5,631		86 Swanson R.	Ft. Richardson	2.68 g	A
Tigger	18.9	09/11/86	3,780		86 Swanson R.	Ft. Richardson	2.68 g	T/BG(02)
Walby	53.9	08/29/86	10,730		86 Swanson R.	Ft. Richardson	2.26 g	T/BU
Weiner	20.7	09/10/86	4,183		86 Swanson R.	Ft. Richardson	2.34 g	T

-Continued-



Appendix Table F-1. Palmer Management Area rainbow trout lake stocking (nonanadromous), 1986 (continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Wishbone	52.7	09/11/86	12,112		86 Swanson R.	Ft. Richardson	2.38 g	A
"X"	101.4	09/11/86	18,194		86 Swanson R.	Ft. Richardson	2.68 g	A
		09/11/86	2,243	LV	86 Swanson R.	Ft. Richardson	2.00 g	A
"Y"	39.7	09/11/86	4,823		86 Big Lake	Ft. Richardson	2.47 g	A
		09/11/86	2,011		86 Big Lake	Ft. Richardson	2.60 g	A
		09/11/86	1,143	RV	86 Big Lake	Ft. Richardson	2.12 g	A

RAINBOW TROUT (1986 Totals Stocked)

# Lakes: 36 plus Alaska State Fair Fishing Pond

# Surface Acres: 3,008.3 plus Alaska State Fair Fishing Pond

	Swanson R.	Big Lake	Total
# Catchables:	340	1,700	2,040
# Subcatchables:	31,878	1,800	33,678
# Fingerling:	<u>324,917</u>	<u>110,938</u>	<u>435,855</u>
Total Rainbow Stocked:	357,135	114,438	471,573
# Fingerling Marked:	(LV) 41,909	(RV) 35,629	(LV + RV) 77,538

<sup>1</sup> Fin mark: LV = left ventral clip; RV = right ventral clip.

<sup>2</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets to lake.

<sup>3</sup> Approximately 1,000 catchable rainbow trout were transferred, after the State Fair closed, from the "Fishing Pond" to Kepler-Bradley Lake.

Appendix Table F-2. Palmer Management Area coho salmon lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>1</sup> METHOD
Bear Paw	45	06/25/86	8,000	85 Crooked Creek	Trail Lakes	1.38 g	T/BU
Benka	123	09/10/86	25,000	85 Bear Lake	Trail Lakes	3.25 g	T
Christiansen	179	06/25/86	15,908	85 Crooked Creek	Trail Lakes	1.38 g	T
Echo	23	05/23/86	4,609	85 Crooked Creek	Elmendorf	3.54 g	T/BU
Finger	362	05/23/86	72,215	85 Crooked Creek	Elmendorf	3.54 g	T
Johnson	40.3	05/22/86	4,030	85 Crooked Creek	Elmendorf	3.52 g	T/BG(02)
Junction	10.9	05/23/86	3,277	85 Crooked Creek	Elmendorf	3.54 g	T/BU
Loon	108	05/23/86	21,600	85 Crooked Creek	Elmendorf	3.54 g	T/BU
Lucille	362	05/23/86	67,805	85 Crooked Creek	Elmendorf	3.54 g	T
Memory	83	05/22/86	8,300	85 Crooked Creek	Elmendorf	3.52 g	T/BU
Prator	98	05/23/86	19,845	85 Crooked Creek	Elmendorf	3.54 g	T/BU
Rocky	58.7	05/22/86	4,078	85 Crooked Creek	Elmendorf	3.52 g	T/BU
Victor	13.5	05/22/86	1,364	85 Crooked Creek	Elmendorf	3.52 g	T/BG(02)
Wolf	62	06/25/86	11,020	85 Crooked Creek	Trail Lakes	1.38 g	T/BU

-Continued-

Appendix Table F-2. Palmer Management Area coho salmon lake stocking (nonanadromous), 1986 (continued).

---

COHO SALMON [nonanadromous] (1986 Totals Stocked)

# Lakes: 14

# Surface Acres: 1,568.4

	Crooked Ck.	Bear Lake	Total
# Fingerling:	<u>242,051</u>	<u>25,000</u>	<u>267,051</u>
Total Coho Stocked:	242,051	25,000	267,051

---

<sup>1</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets to lake; T/BG(02) = carried to lake in sealed bags with oxygen; CA/BG(02) = flown on commercial airlines from Fairbanks to Anchorage in sealed bags, with oxygen, on ice.

Appendix Table F-3. Palmer Management Area Arctic grayling lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Bruce	30	09/22/86	2,910		86 Moose L.	Clear	6.38 g	T/BU
		09/22/86	3,090		86 Goodpasture R.	Clear	6.38 g	T/BU
Canoe	21.2	06/13/86	42,400		86 Moose L.	Clear	.018 g	CA/BG(02)
		09/08/86	1,207	LV	86 Moose L.	Clear	4.36 g	T/BU
		09/25/86	2,120	RV	86 Moose L.	Clear	6.15 g	T/BU
Farmer	21	06/16/86	42,000		86 Moose L.	Clear	.108 g	CA/BG(02)
		09/08/86	1,610	LV	86 Moose L.	Clear	4.36 g	T/BU
		09/25/86	2,080	RV	86 Moose L.	Clear	6.15 g	T/BU
Kepler-Bradley	58	09/08/86	20,880		86 Moose L.	Clear	4.57 g	T
Long(Mi.86)	106	06/16/86	63,600		86 Moose L.	Clear	.018 g	CA/BG(02)
		09/22/86	2,910		86 Moose L.	Clear	6.38 g	T
		09/22/86	3,090		86 Goodpasture R.	Clear	6.38 g	T
Matanuska	61.5	09/22/86	1,940		86 Moose L.	Clear	6.38 g	T/BU
		09/22/86	2,060		86 Goodpasture R.	Clear	6.38 g	T/BU
Meirs	16.8	06/16/86	33,600		86 Moose L.	Clear	.018 g	CA/BG(02)
		09/08/86	1,695	LV	86 Moose L.	Clear	4.36 g	T/BU
		09/25/86	1,680	RV	86 Moose L.	Clear	6.15 g	T/BU
Slipper	9.1	09/22/86	970		86 Moose L.	Clear	6.38 g	T/BU
		09/22/86	1,030		86 Goodpasture R.	Clear	6.38 g	T/BU

-Continued-

Appendix Table F-3. Palmer Management Area Arctic grayling lake stocking (nonanadromous), 1986 (continued).

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Sliver	7.2	06/13/86	14,400		86 Moose L.	Clear	.018 g	CA/BG(02)
		09/08/86	720	LV	86 Moose L.	Clear	4.02 g	T/BU
		09/25/86	720	RV	86 Moose L.	Clear	6.14 g	T/BU
Wolf	62	09/08/86	10,500		86 Moose L.	Clear	4.57 g	T/BU

ARCTIC GRAYLING (1986 Totals Stocked)

# Lakes: 10

# Surface Acres: 392.8

	Moose Lake	Goodpasture R.	Total
# Fry:	196,000	0	196,000
# Fingerling (4g):	36,612	0	36,612
# Fingerling (6g):	<u>15,330</u>	<u>9,270</u>	<u>24,600</u>

Total Grayling Stocked:	247,942	9,270	257,212
-------------------------	---------	-------	---------

# Fingerling (4g) Marked: (LV) 5,232

# Fingerling (6g) Marked: (RV) 6,600

Total Marked LV and RV: 11,832

<sup>1</sup> Fin mark: LV = left ventral clip; RV = right ventral clip.

<sup>2</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets to lake; T/BG(02) = carried to lake in sealed bags with oxygen; CA/BG(02) = flown on commercial airlines from Fairbanks to Anchorage in sealed bags, with oxygen, on ice.

Appendix Table F-4. Palmer Management Area chinook salmon lake stocking (nonanadromous), 1986.

LAKE STOCKED	SURFACE ACRES	DATE STOCKED	NUMBER STOCKED	FIN <sup>1</sup> MARK	BROOD-STOCK	HATCHERY	STOCKING SIZE	STOCKING <sup>2</sup> METHOD
Johnson	40.3	06/12/86	4,038	RV	85 Crooked Creek	Elmendorf	13.15 g	T/BG(02)
Memory	83	06/11/86	8,300	RV	85 Crooked Creek	Elmendorf	14.15 g	T
Rocky	58.7	06/13/86	4,508	RV	85 Crooked Creek	Elmendorf	13.31 g	T
Victor	13.5	06/12/86	1,340	RV	85 Crooked Creek	Elmendorf	13.15 g	T/BG(02)

CHINOOK SALMON [nonanadromous] (1986 Totals Stocked)

# Lakes: 4

# Surface Acres: 195.5

# Fingerling: Crooked Ck.  
18,186

Total Chinook Stocked: 18,186

# Fingerling Marked: (RV) 18,186

<sup>1</sup> Fin mark: LV = left ventral clip; RV = right ventral clip.

<sup>2</sup> Stocking method: A = airdrop; T = tank truck; T/BU = carried in buckets to lake; T/BG(02) = carried to lake in sealed bags with oxygen; CA/BG(02) = flown on commercial airlines from Fairbanks to Anchorage in sealed bags, with oxygen, on ice.

Appendix Table F-5. Palmer Management Area total lake stocking  
(nonanadromous), 1986.

---

PALMER MANAGEMENT AREA LAKES (1986 Totals Stocked)  
ALL SPECIES [nonanadromous] GAME FISH

# Lakes: 49 plus Alaska State Fair Fishing Pond  
# Surface Acres: 3,623.9

# Rainbow Trout:	471,573
# Coho Salmon [nonanadromous]:	267,051
# Chinook Salmon [nonanadromous]:	18,186
# Arctic Grayling:	<u>257,212</u>

Total Fish Stocked (1986):	1,014,022
----------------------------	-----------

---